

CLAIM AMENDMENTS

1. (Currently Amended) ~~Switching~~ A switching device comprising at least one cell (~~G1, G2, G3, G4~~) made up of a moving structure (~~14, 16~~) capable of moving between two end positions (~~A, B~~) and fixed actuating electrodes (~~20~~) for subjecting ~~this said moving~~ structure to forces of attraction to control its movement, said moving structure being movable relative to said electrodes and characterized in that said electrodes are being located on each side of the moving structure in such a way as to follow its exact shape when it is in one of its two end positions, said moving structure comprising a flexible cantilever beam and an integral screen attached to said beam, wherein said electrodes are located only on each side of said beam.
2. (Cancelled).
3. (Cancelled).
4. (Currently Amended) ~~Switching~~ The switching device ~~according to Claim 2 of claim 1,~~ characterized in that it ~~also comprises~~ further comprising, associated with each electrode (~~20~~), at least one stopper (~~18~~) serving as a stop for ~~the said~~ beam and for the purpose of preventing ~~it said beam~~ coming into contact with said ~~beam~~ electrode.
5. (Currently Amended) ~~Switching~~ The switching device ~~according to Claim 4 of claim 4,~~ characterized in ~~said stopper (18) is being located at the free end of the said cantilever beam (14), beyond the said screen (16).~~
6. (Currently Amended) ~~Switching~~ The switching device ~~according to Claim 4 of claim 4,~~ characterized in that it ~~comprises~~ further comprising a plurality of stoppers (~~24~~) distributed along the length of said electrodes.

7. (Currently Amended) ~~Switching~~ The switching device according to Claim 6 of claim 4,
characterized in that ~~wherein~~ the side walls of the moving structure,
stoppers and electrodes are coated with a diamond layer.
8. (Currently Amended) ~~Switching~~ The switching device according of claim 7,
characterized in that said diamond layer is conductive.
9. (Currently Amended) ~~Switching~~ The switching device according to Claim 1 of claim 1,
characterized in that it is said switching device being made on a
substrate ~~(10)~~.
10. (Currently Amended) ~~Switching~~ The switching device according to of claim 9,
characterized in that said substrate is being made of transparent
material.
11. (Currently Amended) ~~Switching~~ The switching device according to Claim 9 of claim 9,
characterized in that the said substrate ~~has~~ having a transverse
aperture ~~(26)~~ positioned in such a way as to be closed by the screen
~~(46)~~ when the system is in one of its end positions.
12. (Currently Amended) ~~Switching~~ The switching device according to Claim 11 of claim
11, characterized in that said aperture ~~(26)~~, on the opposite side ~~to of~~
the screen, ~~has~~ having a portion ~~(26b)~~ of a greater diameter than the
portion located on the side of the screen.
13. (Currently Amended) ~~Switching~~ The switching device according to Claim 12 of claim
12, characterized in that said portion of greater diameter is being
conical.
14. (Currently Amended) ~~Switching~~ The switching device according to Claim 2 of claim 1,
characterized in that said beam ~~(14)~~ ~~presents~~ presenting a 'T' shaped
section.

15. (Currently Amended) ~~Switching~~ The switching device according to Claim 1 of claim 1,
~~in which~~ each electrode (20) ~~is being~~ connected to a conductor linked
to a control circuit, ~~characterized in that~~ the electrode connection with
~~the above mentioned said~~ conductor ~~comprises comprising~~ a fuse
(42).